VISHNU K V

Energetic and optimistic individual with relevant technical knowledge. Seeking work in a well reputed organization where I can use my learnings to achieve the organization objectives and get a conducive environment to learn and grow with the company.

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○ https://github.com/vishnu6363

EXPERIENCE

METAVERSE AI INTERN

Wise Work - onsite   **(03/23-Present)**
- Fine-tuned pretrained models such as DALL-E, Dream Fusion, Point E, Shape-E, Stable Diffusion, Magic3D, and others for enhanced text-to-2D and text-to-3D model performance.
- Implemented 3D style transformation pretrained models such as Text2Mesh and Tango.
- Created frontend models to facilitate model utilization and testing.
- Utilized Flask API, Postman, and Gradio for testing and integration of models.
- Dockerized each model for efficient deployment and containerization.

DATA SCIENCE INTERN

Learn and build(pvt ltd),   online   **(03/22 - 05/22)**
- Designing and building Machine Learning models.
- Working and understanding AI modules and various implications in algorithms.
- working on end-to-end data science pipeline: problem scoping, data gathering, EDA, modeling, insights, visualizations, monitoring, and maintenance.

DATA ANALYTICS CONSULTING VIRTUAL INTERN

Forage, online   **(01/23 - 02/23)**
- **Data Quality Assessment:** Assessment of data quality and completeness in preparation for analysis using python and visualization techniques.
- **Data Insights:** Targeting high-value customers based on customer demographics and attributes, using python and Power BI.
- **Data Insights and Presentation:** Using visualizations to present insights, using Power BI to get high quality insight from the data.

PROJECTS

Alzheimer's Disease prediction using Deep Learning:
- **VGG-19** model is used to predict the stages of disease.
- Kaggle data used to train the model.
- **phpMyAdmin[MySQL]** is used for authentication.
- User information is stored in **MySQL database**.
- Deploying using **Flask python framework.**
- Deployed using **EC2 instance cloud.**

Bengaluru House Price Prediction with Docker:
- Linear Regression is used to Build Model.
- Deploying ML Model using **Streamlit.**
- Deployed Streamlit App on **Heroku.**
- **Docker installation** and implementation.

Crop Yield Recommendation :
- RandomForestClassifer model is used to predict.
- Deploying the model using **Flask.**
- Deployed the Flask app in **EC2 instance.**

Plant Disease Detection Using Deep Learning:
- **CNN custom** model with attention mechanism.
- Deployed using **Streamlit python Framework**.
- Deployment in **streamlit cloud.**

PUBLICATIONS

- "Plant Disease Prediction with Attention Mechanisms in Deep Learning"
International Conference on Innovative Computing Technologies and Applications (ICICTA-2023)

EDUCATION

- **M.Sc. Data Science**
Reva University, Bengaluru,
10/2021-present   **8.2CGPA**

- **B.Sc. [PCM]**
Mangalore University, Madikeri,
2018-2021   **6.5CGPA**

TECHNICAL STACK

- **Data Science/Machine Learning**
Data extraction, Data Visualization, Data Wrangling, EDA, Feature engineering, Feature selection.
- **Data Visualization Tool**
Tableau, Power BI
- **Python Packages and Framework**
Numpy, Pandas, Seaborn, Matplotlib, TensorFlow, Keras, Scikit-Learn, Pyspark, SciPy.
- **Web Development**
Flask, streamlit, Gradio, Postman, Docker
- **Programming Language**
Python, SQL, NoSQL.
- **Databases**
SQL, Mongo DB
- **Cloud Platforms**
AWS services(S3,Amazon sagemaker,EC2,Quicksight)
- **Big data tool**
Pyspark.

CERTIFICATES

- Microsoft Technology associate (01/22 - 01/22)
Introduction to Programming using Python.
- Free code camp
Data analysis using python.
- Ethical Byte
Internet of Things
- Microsoft
Create and use analytics report with Power BI.

SOFT SKILL

Fast Learning, Leadership, Problem Solving, Time Management.

INTERESTS

Electronic, Swimming.

LANGUAGE

English, Kannada, Tamil, Malayalam.